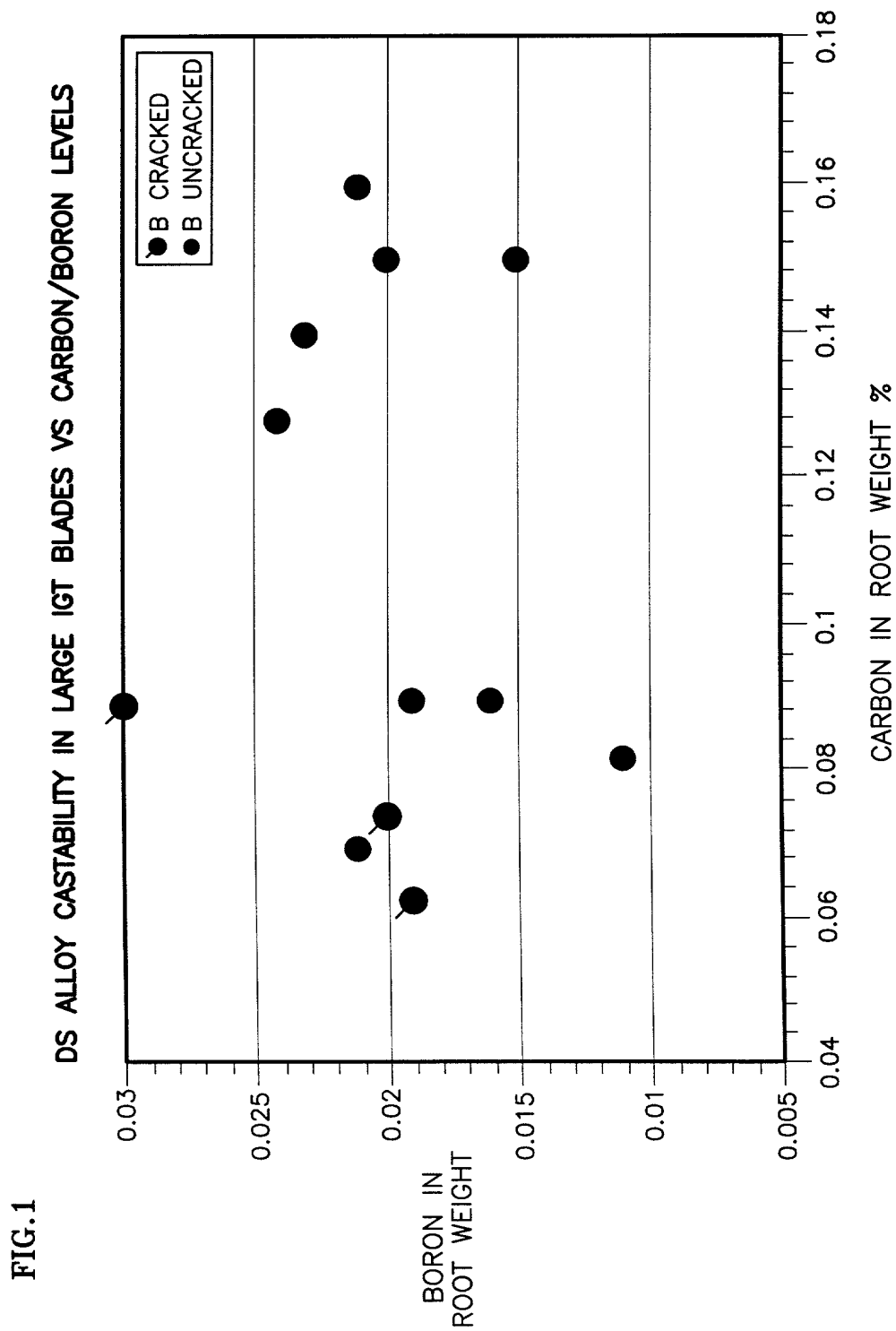


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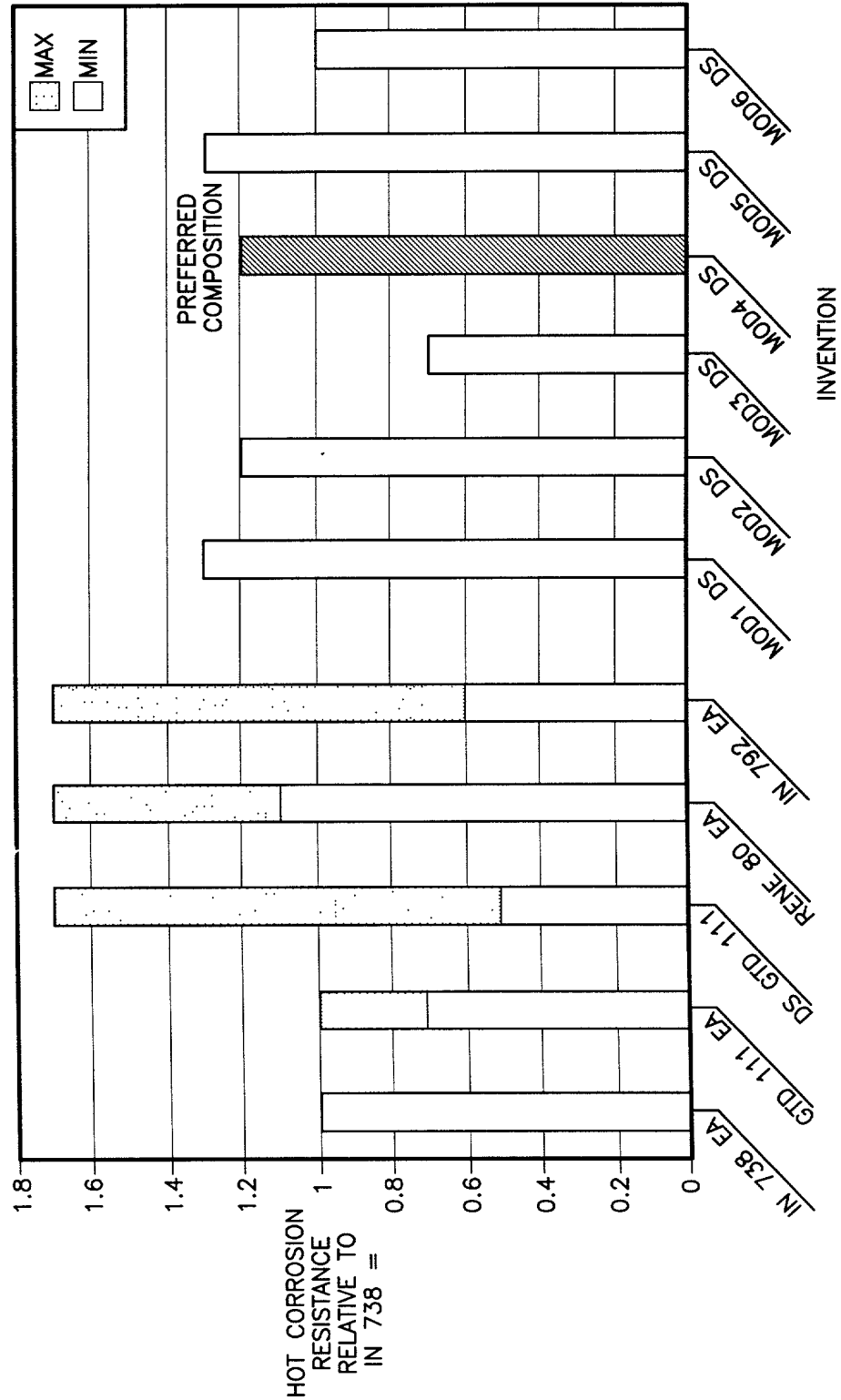
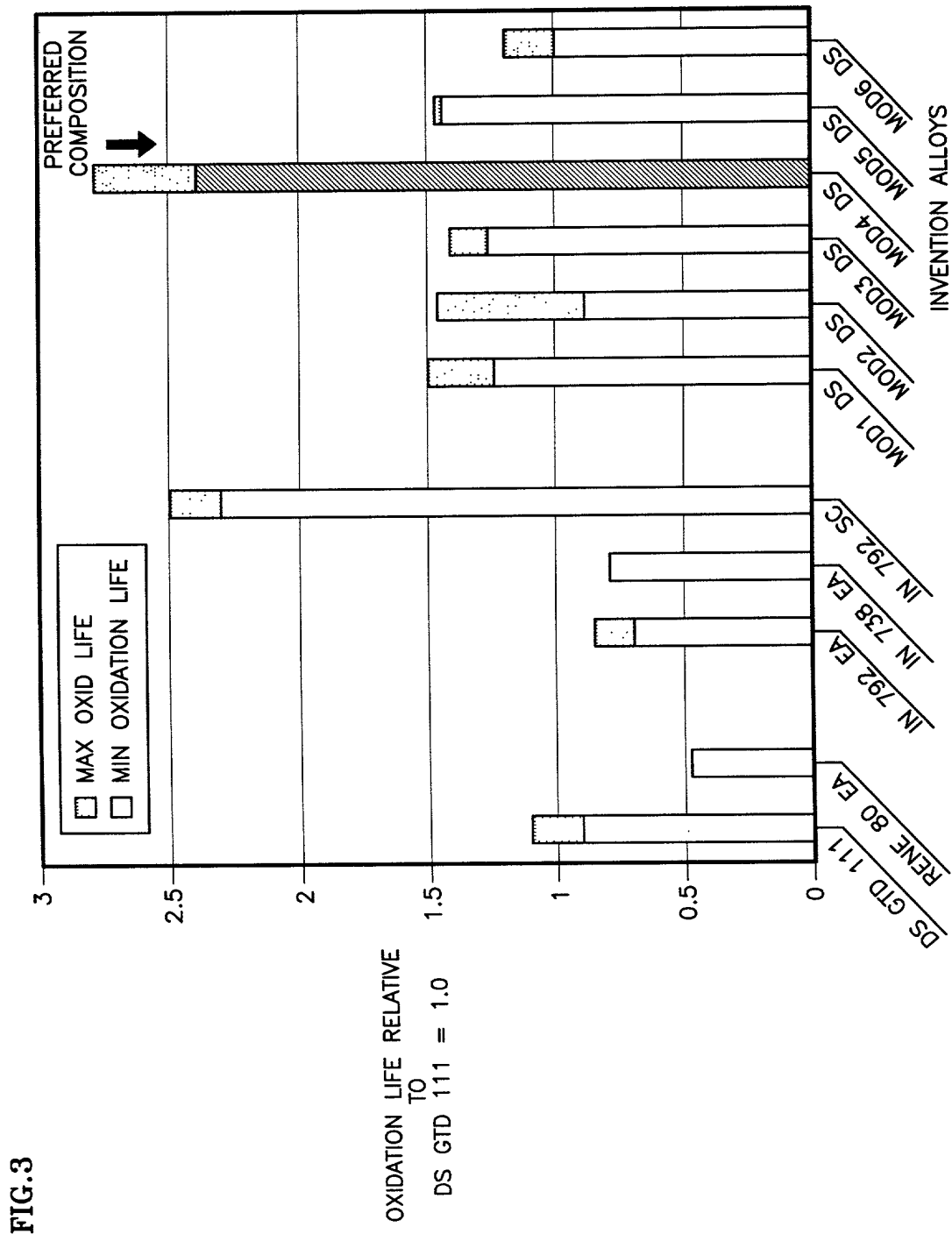
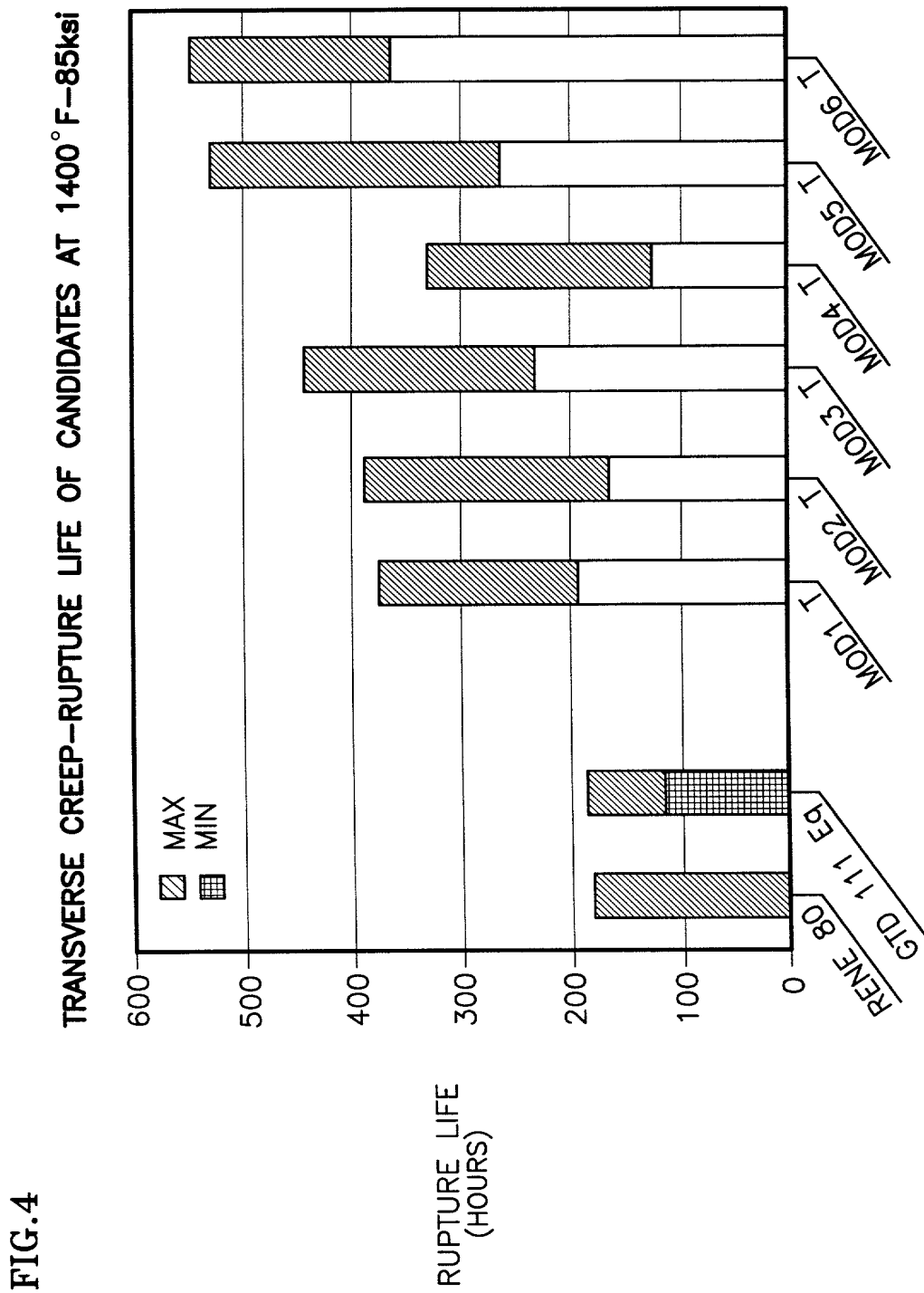


FIG.2

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FIG.4a

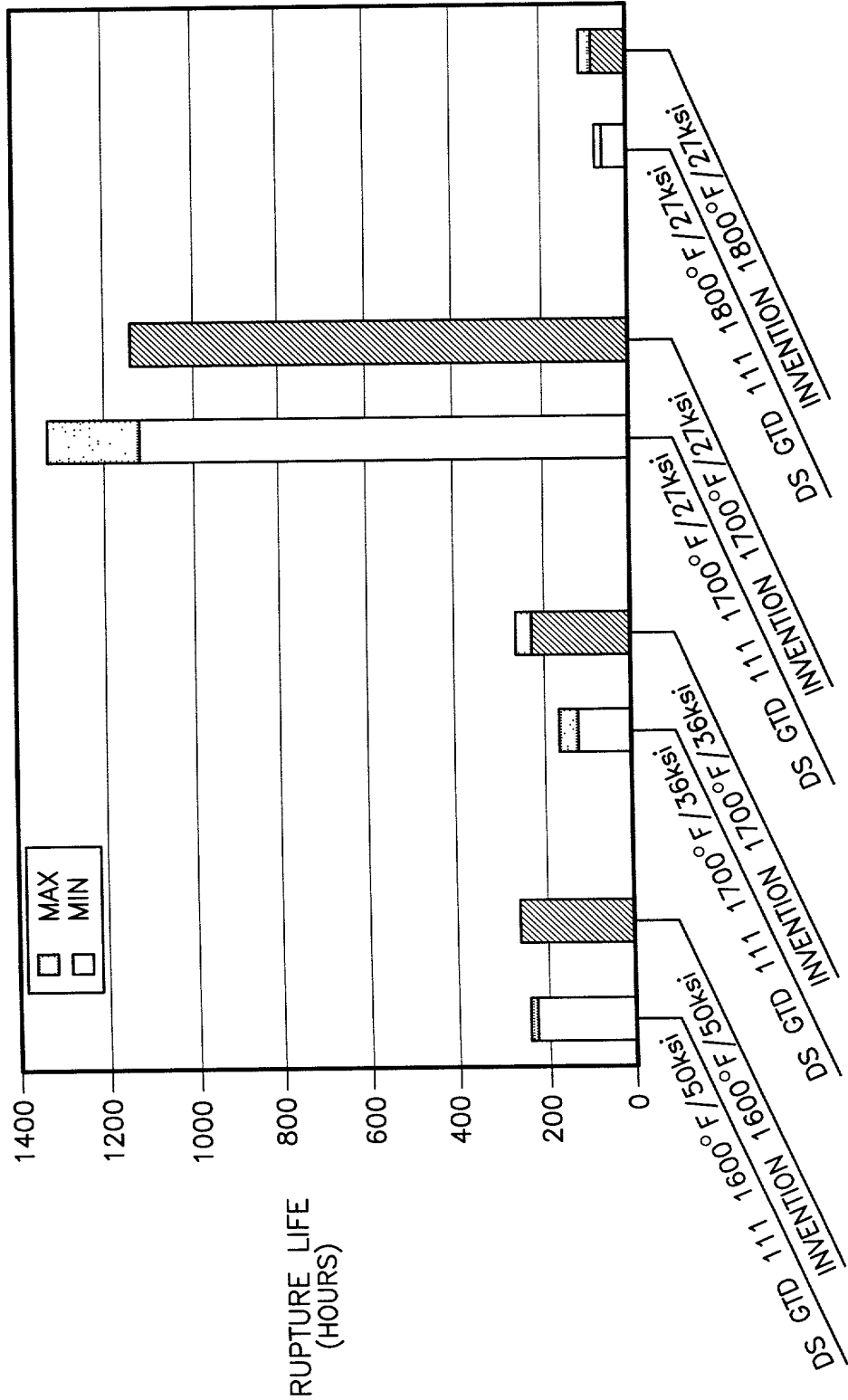
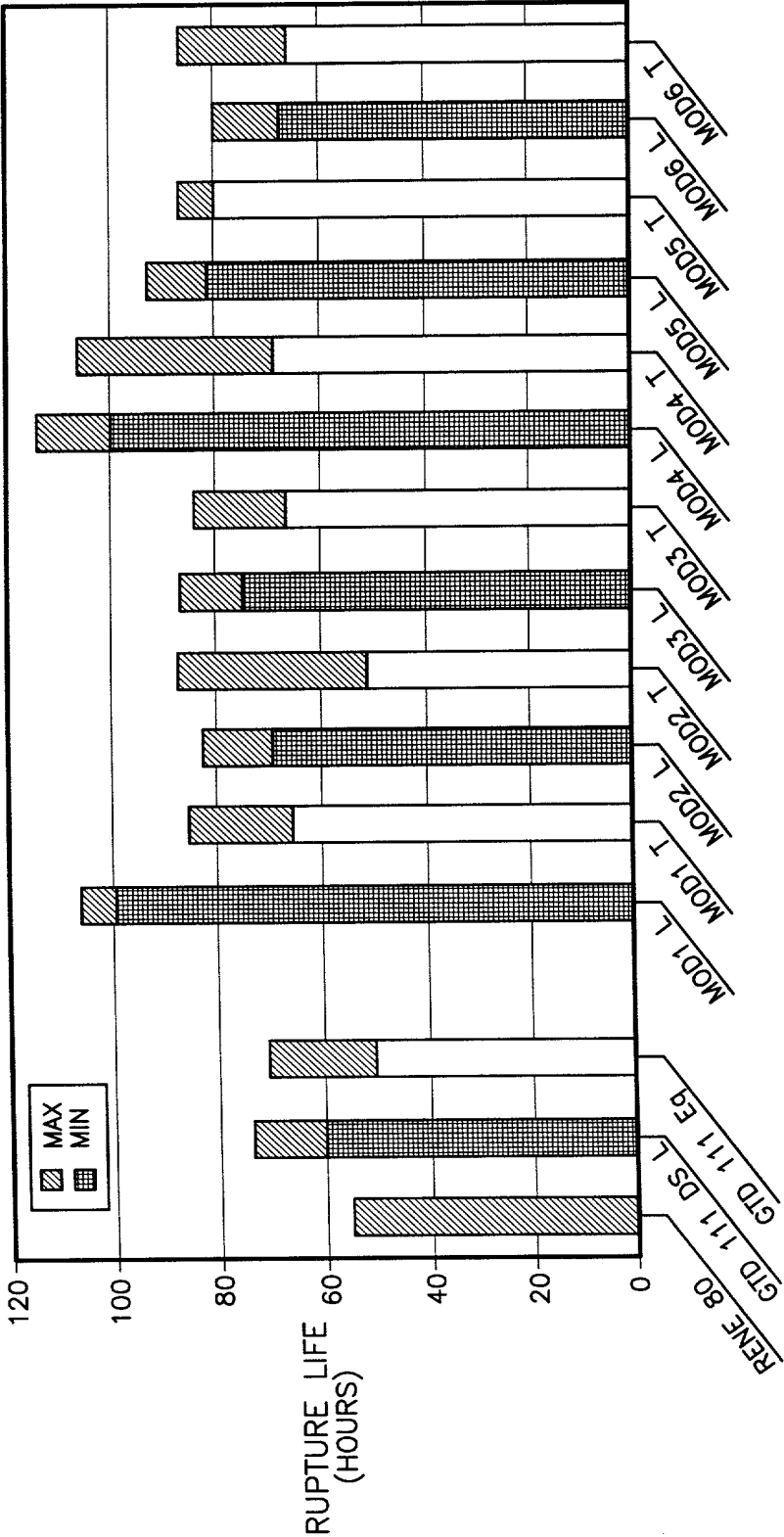


FIG.5
LONGITUDINAL AND TRANSVERSE CREEP-RUPTURE LIFE
OF
CANDIDATES AT 1800° F-27ksi VS GTD 111



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FIG.6a

SHOWS SLIGHTLY IMPROVED 1400° F
CREEP-RUPTURE LIFE VS GTD 111 DS

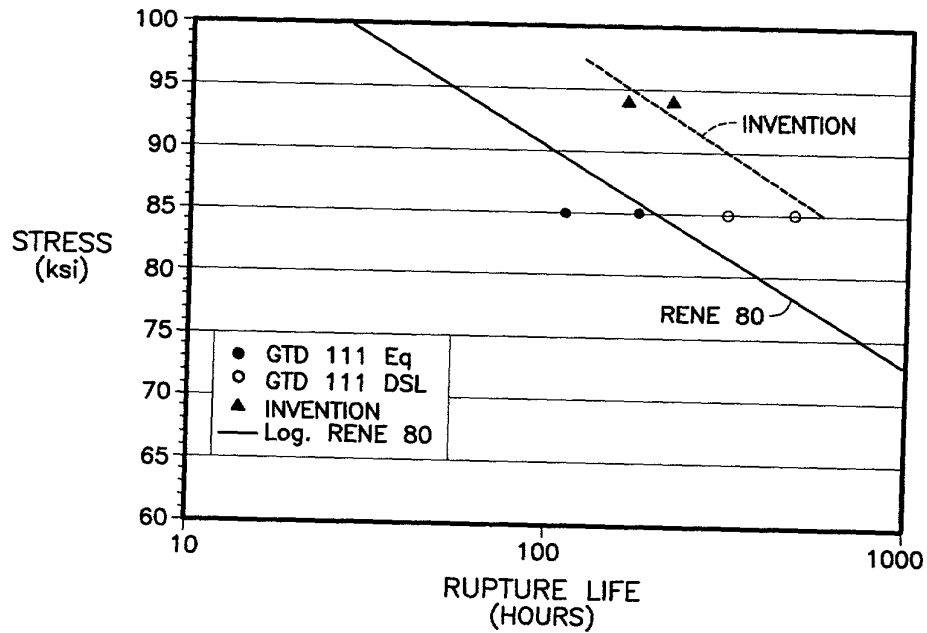
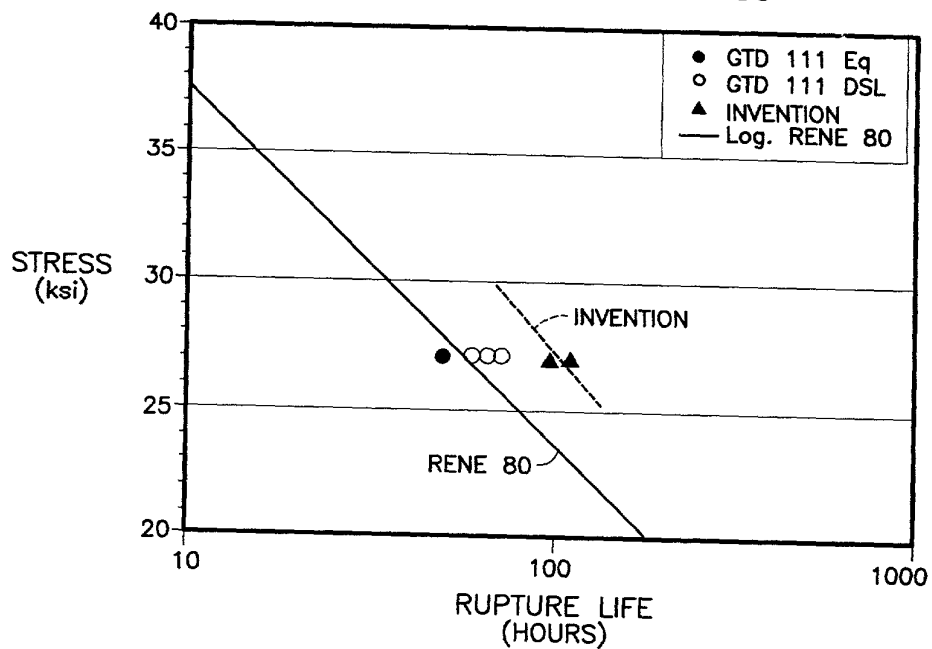


FIG.6b

SHOWS INCREASED CREEP-RUPTURE
LIFE AT 1800° F VS GTD 111 DS



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